



प्रसार भारती / PRASAR BHARATI

(भारत का लोक सेवा प्रसारक/India's Public Service Broadcaster)

राष्ट्रीय प्रसारण एवं मल्टीमीडिया अकादमी

NATIONAL ACADEMY OF BROADCASTING & MULTIMEDIA

किंग्सवे, दिल्ली-110009 / KINGSWAY, DELHI-110009

NABM/TC/ online training /203908/2020-21

Dated: 29.10.2020

**CIRCULAR**

**Subject: Inviting Nominations for the online training on DVB T-2 Transmitter for AE/SEA/EA of Doordarshan re-scheduled from 02.12.2020 to 17.12.2020 (from 10:00AM to 01:30PM)**

Nominations are invited for the Training Program as under:-

- |   |  |
|---|--|
| 1. Title of the training                    | : DVB T-2 Transmitter ( <b>Online</b> )                                |
| 2. Session no                               | : 203908   |
| 3. Venue of the training                    | : Online Training through Webex  |
| 4. Cadre to be nominated from               | : **ADE/AE/SEA/EA  |
| 5. Offices/ organization                    | : Doordarshan  |
| 6. Schedule of training                     | : <b>02.12.2020 to 17.12.2020</b><br>(2 half days in FN)               |
| 7. Last date for the receipt of nominations | : 13 <sup>th</sup> November , 2020                                     |
| 8. Target participants                      | : Persons already associated with<br>Maintenance of DVB-T2 Transmitter |

**\*\* For DE/DDE and Sr. Tech refer point 2 under note.**

**COURSE CONTENT ARE--**

1. Flow of control, status and monitoring signal, explanation in detail
2. Wiring interconnection diagram of various modules in transmitter (TCU, Exciter PA, IPA etc.) and Liquid cooling system(Pump control, inverter, FAN control etc.)
3. Overview of DVB T2 Technology
4. COFDM technology
5. Circuit description and overall structure of power amplifiers
6. Art of biasing of LDMOSFET and fault analysis of power amplifiers.
7. Reason of failure of LDMOSFET and testing of LDMOSFET through pa diagnostic unit.
8. SMPS of power amplifiers and its circuit description.
9. Overall structures of exciter and description of its circuitry.
10. Setting of ALC. And gain of various stage of transmitter.
11. Reason of failure of exciter
12. SMPS of exciter and its associated circuitry
13. Overall structure of TCU and description of its module

14. GUI screen calibrations and method of replacement of its module.
15. Fault description related to TCU.
16. Overall structure of cooling system.
17. Fault in cooling system and overall alignment of transmitter
18. Issue of unbalance current in Power supply of Transmitter

Note:-

1. In above topics, maintenance related issues (from Sr. no 5 to 17) will be covered by Shri Satypal Retired DDE
2. This training is being planned as exhaustive maintenance exercise accordingly station heads are requested to send nominations of the candidates who are already associated with the maintenance activities of above transmitter. All Head of Engineering (DVB-T2 at 19 locations) may nominate officials at the level of ADE/AE/SEA/EA. of their station for this webinar; they may also nominate Sr. Tech/Tech., depending upon their experience and as per requirement of stations, however DE/DDE may also asked to attend as per their availability.

Remarks :

- a) We have already received some nominations as per list attached; in case of any change please inform, however, Stations may send additional nominations
- b) All the stations where DVB Transmitter is installed are requested to furnish the nominations by the stipulated date through email as per Annexure.
- c) **Special provision can be made at stations to attend training on screen of big size for proper understating of drawings.**
- d) **Attending of this training on mobile phone is strictly prohibited as it will defeat the purpose of training.**
- e) **Online Pre-training meeting for nominated candidates is scheduled for 18.11.2020 at 3.00 pm. Link will be sent to the nominees after receiving the nominations from the stations.**

It may also be ensured that the nominated official is able to attend the webinar for all 12 days in continuation. Nominations need to be sent at earliest on email id nabmctc.tt@prasarbharati.gov.in. Stations may send name of participant, email id, station name and mobile number of participant (with WhatsApp) to register in this webinar latest by 12.00 pm on 13.11.2020.

Participants will have to download Webex App for windows may be downloaded to participate in webinar using laptop. Good Internet connectivity is requisite for attending webinar. Participants will be able to join webinar on clicking the link which will be emailed to them.

This circular is being issued with the approval of competent authority.

  
29/10/20

(A K GUPTA )

निदेशक (अभि.) / Director (Engg)

कृते अपर महानिदेशक (प्रशिक्षण) / for Additional Director General (Trg.)

27607185/27603909(F)/27604794(O)/  
[nabmctc.tt@prasarbharati.gov.in](mailto:nabmctc.tt@prasarbharati.gov.in)

Copy to:-

केन्द्र प्रमुख/ Station Heads,  
दूरदर्शन के DTT स्टेशन / कार्यालय  
Offices of Doordarshan DTT stations

सूचनार्थ/Copy for information to:-

1. Prasar Bharati Secretariat, (CS),(Kind Attention: Sh. Ajaya Gupta, E-in-C) ,Tower-3, Doordarshan Bhavan, Copernicus Marg, New Delhi-110001.
2. Prasar Bharati Secretariat, (Kind Attention: ADG (E & A )), Tower-3, Doordarshan Bhavan, Copernicus Marg, New Delhi-110001.
3. The Additional Director General, NABM, Delhi-110009.
4. The Director General, Doordarshan , [Kind Attention: ADG (E) HRD], Mandi House, Copernicus Marg, New Delhi-110001.
5. [(Zonal Engineering/)] ADG- (NZ/SZ/ EZ/WZ/NEZ



## नामांकन भेजने के लिए फॉर्मेट/FORMAT FOR SENDING NOMINATIONS

क्रमांक S N	नाम NAME	जन्म की तारीख DATE OF BIRTH	पद DESIGNATIO N	पोस्टिंग की जगह PLACE OF POSTING	ट्रेनिंग सेशन नं TRAINING SESSION NO	मोबाइल फोन MOBILE PHONE NO	नामंकित उम्मीदवार का ईमेल आईडी EMAIL ID OF THE NOMINEE
					203908		

  
 कृते अपर महानिदेशक (प्रशिक्षण) / for ADG (Trg.)

List of participants already nominated by statins for this training:-

(A) Nominations received against "WEBINAR ON DVB T2 TRANSMITTER" from  
01-05 sept.2020


S.No.	Name	De sg	Station Type	Station Name	Mobile	Email
1.	A.P.Kodande	AE	HPT DD	Aurangabad	9423145553	apkodande@prasarbharati.gov.in
2.	A.P.Padamwar	SE A	HPT DD	Aurangabad	942081338	appadamwar@prasarbharati.gov.in
3.	D.K.Jatav	EA	HPT DD	Aurangabad	8010143981	dkjatav@prasarbharati.gov.in
4.	Abdulla Koya	AE	DDK	Bengaluru	9496228418	abdullakoyal966@gmail.com
5.	Kum. K.M. Oshin Gupta	EA	DDK	Bengaluru	7022011641	oshingupta46@gmail.com
6.	M. Laila	AE	DDK	Bengaluru	9446634375	laila.air@rediffmail.com
7.	S.V. Mirji, ADE	AD (E)	DDK	Bengaluru	9448975355	sanjeev.mirji@gmail.com
8.	Shafeeque I	EA	DDK	Bengaluru	8129625668	illikkalshafeeque@gmail.com
9.	Shubha Sundar	SE A	DDK	Bengaluru	9916474404	bmksarang@yahoo.co.uk
10.	Swami Premi B.M.	AE	DDK	Bengaluru	9448637179	swamypremibm@gmail.com

11.	Usha T.P.	SE A	DDK	Bengaluru	7795221490	ushastalin@yahoo.co.in
12.	Adesh Singh Chauhan	EA	DDK	Bhopal	8989662822	engg.adesh1990@gmail.com
13.	Ananta Kumar Lenka	EA	HPT DD	Cuttack	9437160085	anantakumarlenka@prasarbharati.gov.in
14.	Ashok Kumar Rout	AE	HPT DD	Cuttack	9437728487	Ashokkumarrou100@gmail.com
15.	Byasadipti Mukhopadhyay	EA	HPT DD	Cuttack	9674241868	bmukhopadhyay@prasarbharati.gov.in
16.	Gobinda Chandra Biswal	SE A	HPT DD	Cuttack	9861441960	gcbiswal@prasarbharati.gov.in
17.	Gyanaranjan Sahoo	AE	HPT DD	Cuttack	9439726156	Gyana.768sahoo@gmail.com
18.	Joydip Bandyopadhyay	EA	HPT DD	Cuttack	9836951140	jbandyopadhyay@prasarbharati.gov.in
19.	Sanju Lata Nayak	SE A	HPT DD	Cuttack	9439367502	sanjulatanayak@prasarbharati.gov.in
20.	Sant Sadhan Pati	EA	HPT DD	Cuttack	9861437692	shantisadhanpati@prasarbharati.gov.in
21.	Shaikh Sirazuddin	AE	HPT DD	Cuttack	9040877363	Sksirazuddin50@gmail.com
22.	Charanjit Singh	EA	DDK	Jalandhar	9463088021	charanjitsingh@prasarbharati.gov.in
23.	Darshan Lal	SE A	DDK	Jalandhar	9815374151	darshanlal@prasarbharati.gov.in
24.	Gurdeep Singh	SE A	DDK	Jalandhar	9464383473	Gurdeepsingh1@prasarbharati.gov.in
25.	Jytinder Singh	AE	DDK	Jalandhar	9417260149	jyotindersingh@prasarbharati.gov.in
26.	Narinder Kumar Banga	SE A	DDK	Jalandhar	9478615276	nkbanga@prasarbharati.gov.in
27.	Parminder Singh	SE A	DDK	Jalandhar	7973030423	parmindersingh@prasarbharati.gov.in
28.	Piyush Kumar Jaiswal	EA	DDK	Jalandhar	9023322193	pkjaiswal@prasarbharati.gov.in
29.	Kabita Behera	SE A	DDK	Ranchi	9431751137	kabitabeheraddk@gmail.com
30.	Kartik Baitha	AE	DDK	Ranchi	9835105169	Kartikbaitha3615@gmail.com
31.	Sanjay Tirkey	EA	DDK	Ranchi	9771491290	tirkeydd@gmail.com
32.	Vimalendu Pathak	EA	DDK	Ranchi	9431620917	vimalendupathak@gmail.com

**(B) Nominations received against "Workshop on DVB-T2 Transmitter" from 3-7 February, 2020**

1.	R.S.Patil	AE	DDK	Ahmedabad	24.11.1962	8160721925	raveendrapatil241162@gmail.com
2.	B. Raja Sekhar	EA	DDK	Hyderabad	13.2.1990	7702899614	Brsekhsr90@gmail.com
3.	K. Chandra Sekhar	AE	DDK	Hyderabad	21.6.1970	8886026091	shekharsc@gmail.com
4.	Lakshmi Narayana Reddy	EA	DDK	Hyderabad	1.3.1969	9490542406	alnreddydd@gmail.com
5.	Ranbir	ADE	DDK	Kolkata	18.1.1964	6291014062	ranbir_2007@gmail.com

	Chakraborty						
6.	Utpal Dutta	SEA	DDK	Kolkata	29.4.1964	7908683801	ukd345@gmail.com
7.	A.D.Pote	EA	DDK	Mumbai	21.1.1967	9869486049	arvind210167@gmail.com
8.	D.V.Mahurkar	EA	DDK	Mumbai	10.7.1972	9082904029	dashrathvm@gmail.com
9.	Cyprian Joseph Sebastian	SEA	DDK	Thiruvanan thapuram	6.5.1964	9447633541	cyprianjseda@gmail.com
10.	Shiby Thomas	EA	DDK	Thiruvanan thapuram	27.5.1976	9495871827	shibyt335@gmail.com

  
29/10/20